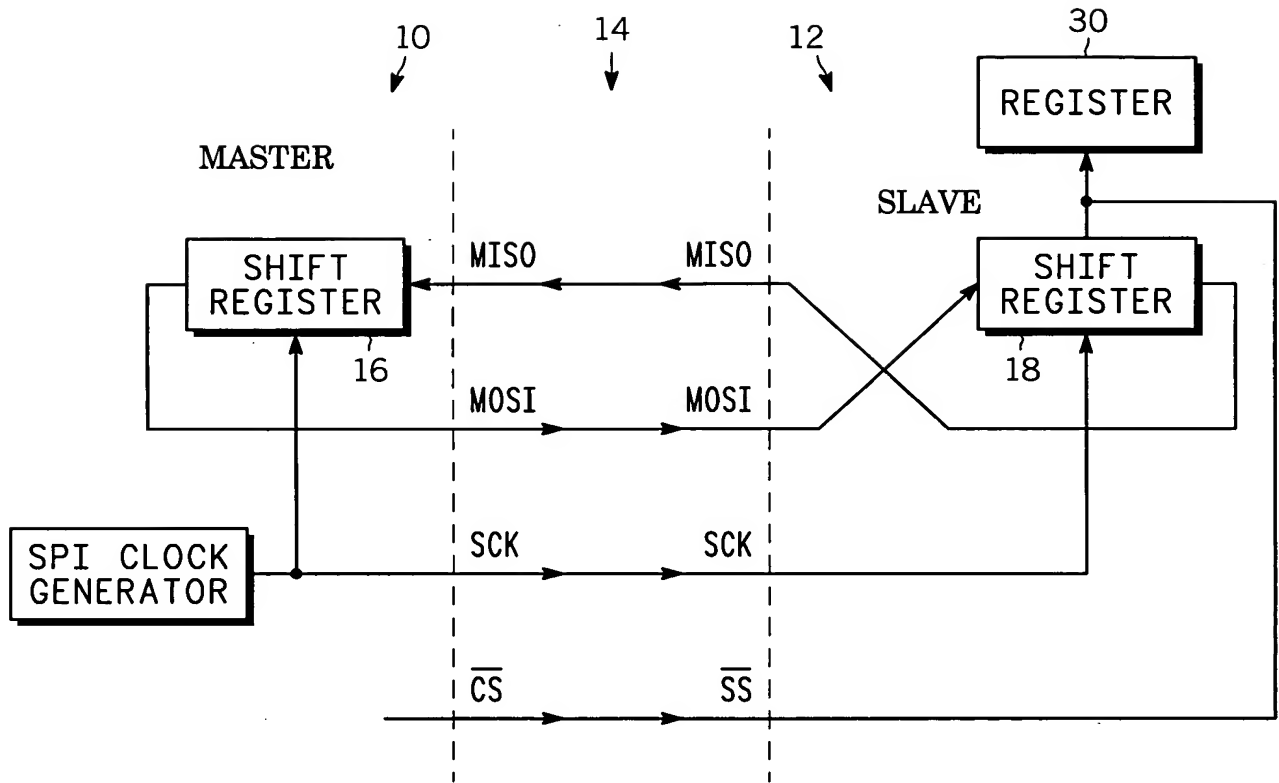


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**FIG. 1**

-PRIOR ART-

FIG. 2  
-PRIOR ART-

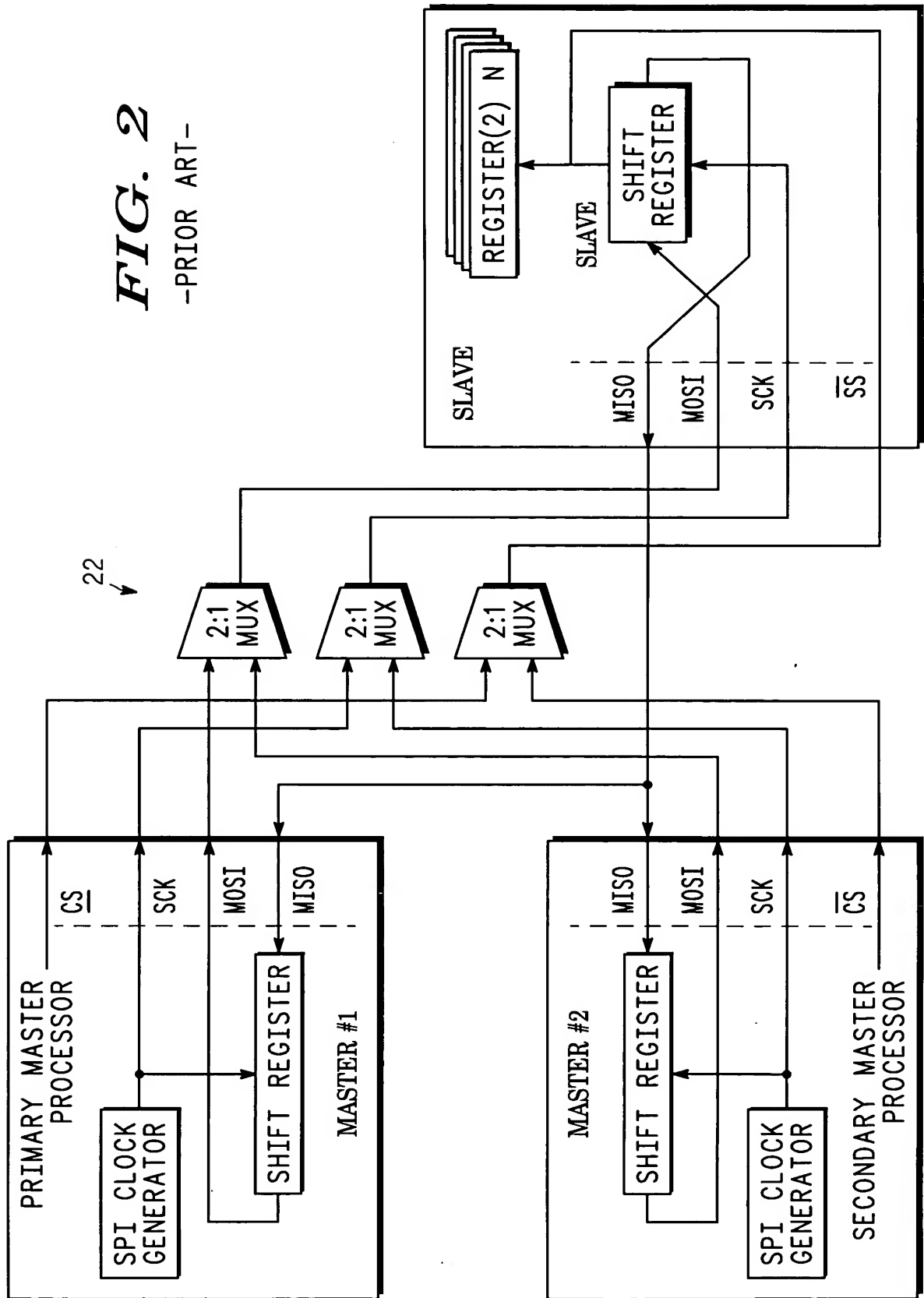
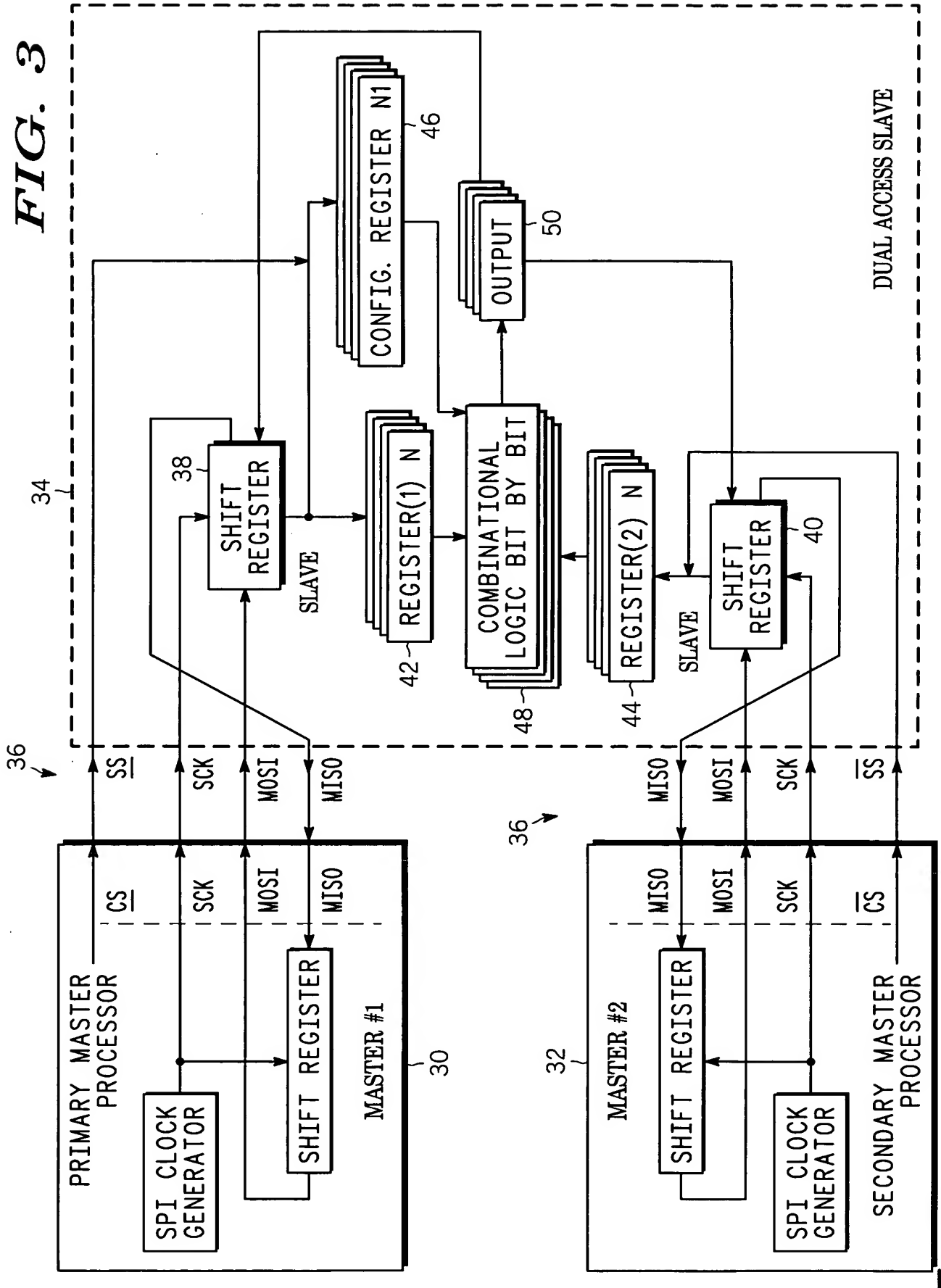
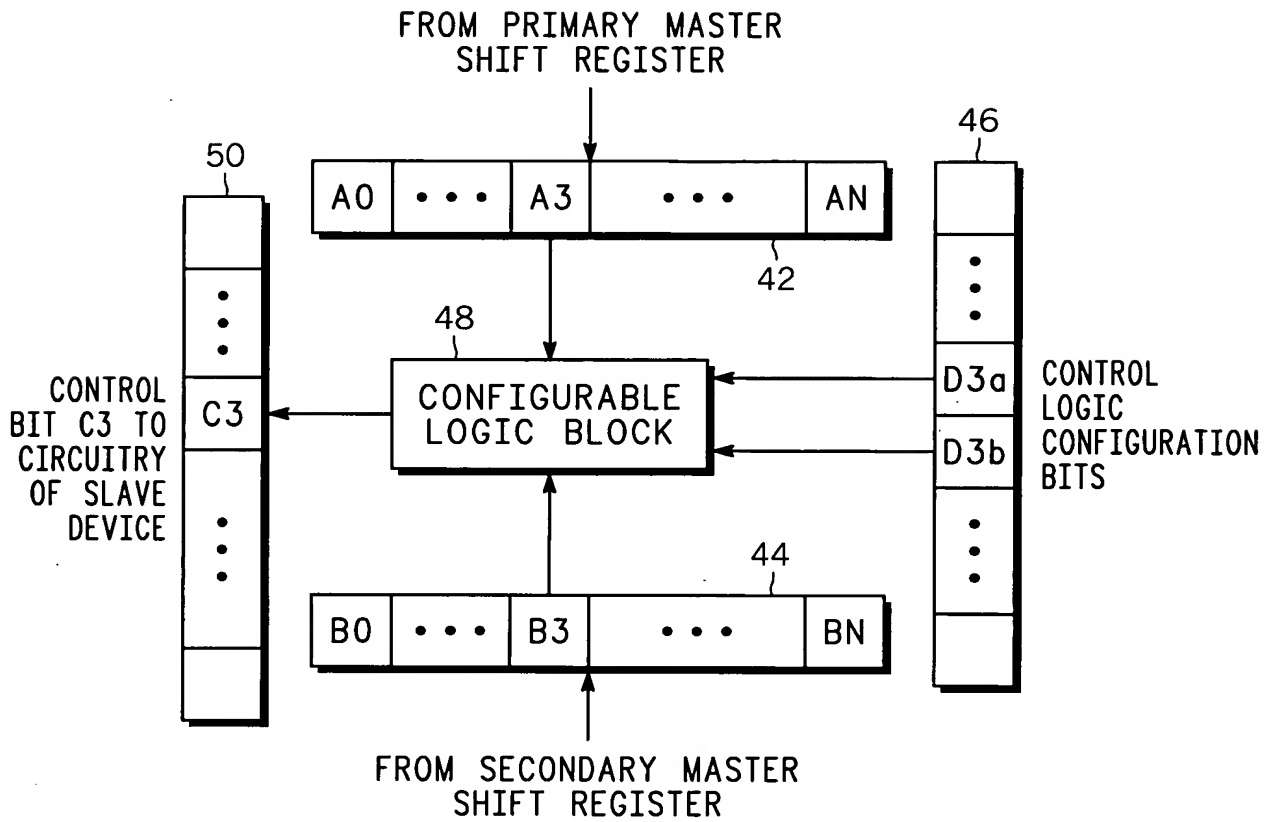


FIG. 3



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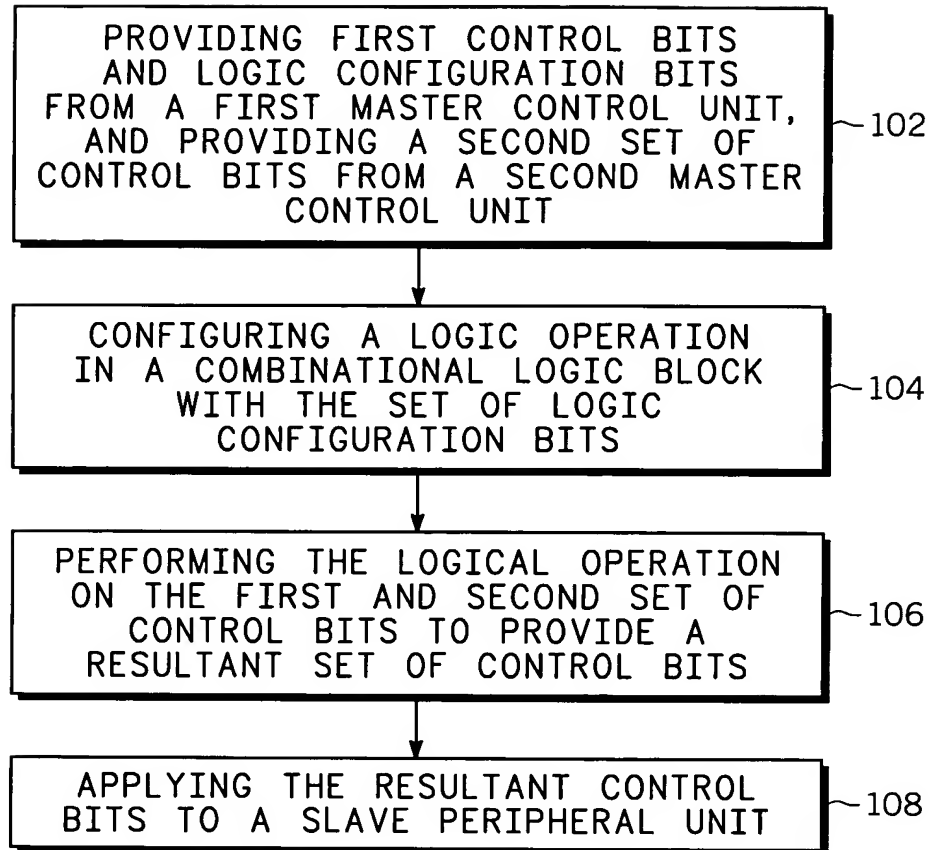


**FIG. 4**

**FIG. 5**

| D3a | D3b | C3 LOGIC     |
|-----|-----|--------------|
| 0   | 0   | $C3 = A3$    |
| 0   | 1   | $C3 = A3+B3$ |
| 1   | 0   | $C3 = A3*B3$ |
| 1   | 1   | $C3 = B3$    |

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**FIG. 6**